

§ 121.93 Route requirements: General.

(a) Each certificate holder conducting domestic or flag operations seeking a route approval must show—

(1) That it is able to conduct satisfactorily scheduled operations between each regular, provisional, and refueling airport over that route or route segment; and

(2) That the facilities and services required by §§121.97 through 121.107 are available and adequate for the proposed operation.

The Administrator approves a route outside of controlled airspace if he determines that traffic density is such that an adequate level of safety can be assured.

(b) Paragraph (a) of this section does not require actual flight over a route or route segment if the certificate holder shows that the flight is not essential to safety, considering the availability and adequacy of airports, lighting, maintenance, communication, navigation, fueling, ground, and airplane radio facilities, and the ability of the personnel to be used in the proposed operation.

[Doc. No. 6258, 29 FR 19194, Dec. 31, 1964, as amended by Amdt. 121-3, 30 FR 3638, Mar. 19, 1965; Amdt. 121-253, 61 FR 2610, Jan. 26, 1996]

§ 121.95 Route width.

(a) Approved routes and route segments over U.S. Federal airways or foreign airways (and advisory routes in the case of certificate holders conducting flag operations) have a width equal to the designated width of those airways or routes. Whenever the Administrator finds it necessary to determine the width of other approved routes, he considers the following:

- (1) Terrain clearance.
- (2) Minimum en route altitudes.
- (3) Ground and airborne navigation aids.
- (4) Air traffic density.
- (5) ATC procedures.

(b) Any route widths of other approved routes determined by the Administrator are specified in the certificate holder's operations specifications.

[Doc. No. 6258, 29 FR 19194, Dec. 31, 1964, as amended by Amdt. 121-253, 61 FR 2610, Jan. 26, 1996]

§ 121.97 Airports: Required data.

(a) Each certificate holder conducting domestic or flag operations must show that each route it submits for approval has enough airports that are properly equipped and adequate for the proposed operation, considering such items as size, surface, obstructions, facilities, public protection, lighting, navigational and communications aids, and ATC.

(b) Each certificate holder conducting domestic or flag operations must show that it has an approved system for obtaining, maintaining, and distributing to appropriate personnel current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include the following:

- (1) Airports.
 - (i) Facilities.
 - (ii) Public protection. After February 15, 2008, for ETOPS beyond 180 minutes or operations in the North Polar area and South Polar area, this includes facilities at each airport or in the immediate area sufficient to protect the passengers from the elements and to see to their welfare.
 - (iii) Navigational and communications aids.
 - (iv) Construction affecting takeoff, landing, or ground operations.
 - (v) Air traffic facilities.
- (2) Runways, clearways and stopways.
 - (i) Dimensions.
 - (ii) Surface.
 - (iii) Marking and lighting systems.
 - (iv) Elevation and gradient.
- (3) Displaced thresholds.
 - (i) Location.
 - (ii) Dimensions.
 - (iii) Takeoff or landing or both.
- (4) Obstacles.
 - (i) Those affecting takeoff and landing performance computations in accordance with Subpart I of this part.
 - (ii) Controlling obstacles.
 - (5) Instrument flight procedures.
 - (i) Departure procedure.
 - (ii) Approach procedure.
 - (iii) Missed approach procedure.
 - (6) Special information.
 - (i) Runway visual range measurement equipment.
 - (ii) Prevailing winds under low visibility conditions.